

Acronyms and Abbreviations

ACO – Aircraft Certification Office

ADC - Air Data Computer

ADS-B - Automatic Dependent Surveillance - Broadcast

AFM - Aircraft Flight Manual

AGL - Above Ground Level

AHRS - Attitude Heading Reference System

AMLCD - Active Matrix Liquid Crystal Display

APV - Approach with Vertical Guidance

ARINC - Aeronautical Radio, Inc.

ATA – Air Transport Association

ATC - Air Traffic Control

ATD – Aviation Technology Division UAA

CDI - Course Deviation Indicator

CDTI - Cockpit Display of Traffic Information

CFS - Chelton Flight Systems

CRC - Cyclic Redundancy Check

CWA - Caution/Warning/Advisory

DA - Decision Altitude

DEM - Digital Elevation Model

Acronyms and Abbreviations

DH - Decision Height

DL - Data Link

DME - Distance Measuring Equipment

DO - RTCA Document

DOD - Department of Defense

DOF - Digital Obstruction File

DOT – Department of Transportation

DP - Departure Procedure

DR - Dead Reckoning

EFIS - Electronic Flight Instrument System

EGPWS - Enhanced Ground Proximity Warning System

ETA - Estimated Time of Arrival

ETE - Estimated Time Enroute

FAA - Federal Aviation Administration

FAF - Final Approach Fix

FAR - Federal Aviation Regulation

FAWP - Final Approach Waypoint - same as FAF

FDE - Fault Detection and Exclusion

Acronyms and Abbreviations

FIS - Flight Information Service

FIS-B - Flight Information Service-Broadcast

FL - Flight Level

FLTA - Forward Looking Terrain Awareness

FMS - Flight Management System

FPM - Feet per Minute

FSDO – Flight Standards District Office

GPH - Gallons per Hour

GPS - Global Positioning System

GPWS - Ground Proximity Warning System

HAL - Horizontal Alert Limit

HAT - Height Above Threshold

HFOM - Horizontal Figure of Merit

HMI – Hazardous Misleading Information

HPL - Horizontal Protection Level

HSI - Horizontal Situation Indicator

HUL - Horizontal Uncertainty Limit

IAP - Instrument Approach Procedure, also Initial Approach Point

IAWP - Initial Approach Waypoint - same as IAP

Acronyms and Abbreviations

IDU - Integrated Display Unit

IFR - Instrument Flight Rules

ILS - Instrument Landing System

IM - Inner Marker

IO - Input/Output

IPV - Instrument Procedure with Vertical Guidance

KIAS - Knots Indicated Airspeed

KT - Knot - Nautical Mile per Hour

KTAS - Knots True Airspeed

LDA - Localizer-type Directional Aid

LNAV - Lateral Navigation

LOC - Localizer

LRU - Line Replaceable Unit

LTA – Less Than Adequate

MAHP - Missed Approach Holding Point

MAHWP - Missed Approach Holding Waypoint

MAP - Missed Approach Point

MAWP - Missed Approach Waypoint - same as MAP

MDA - Minimum Descent Altitude

MEL – Minimum Equipment List

Acronyms and Abbreviations

MFD - Multifunction Display (an IDU capable of multiple screens)

MM - Middle Marker

MSL - Mean Sea Level

MTBF - Mean Time Between Failures

ND - Navigation Display

NDB - Nondirectional Beacon

NM - Nautical Mile

NPA - Non-Precision Approach

OBS - Omnibearing Selector

OM - Outer Marker

OT - Other Traffic (Traffic Function)

PA - Proximate Advisory (Traffic Function)

PAI – Principle Avionics Inspector

PDA - Premature Descent Alert

PFD - Primary Flight Display

PFDE - Predicted Fault Detection and Exclusion

PLI - Pitch Limit Indicator

PMI – Principle Maintenance Inspector

POI – Principle Operations Inspector

Acronyms and Abbreviations

RA - Resolution Advisory (Traffic Function)

RMI - Radio Magnetic Indicator

RNAV - Area Navigation

RNP - Required Navigation Performance

RO – Regional Office (FAA)

SA - Selective Availability

STAR - Standard Terminal Arrival Routes

STC - Supplemental Type Certificate

SUA - Special Use Airspace

TA - Traffic Advisory (Traffic Function)

TAS - Traffic Advisory System

TAWS - Terrain Awareness and Warning System

TCAD - Traffic Collision Alert Device

TCAS - Traffic Collision Alert System

TERPS - Terminal Instrument Procedures

TCH - Threshold Crossing Height

TD - Traffic Display

TIS - Traffic Information Service

Acronyms and Abbreviations

TIS-B - Traffic information Service-Broadcast

TSO - Technical Standard Order

UAA – University of Alaska Anchorage

UAR - Unusual Attitude Recovery

USGS - United States Geological Survey

UTC - Universal Time Coordinated

VAL - Vertical Alert Limit

VFOM - Vertical Figure of Merit

VFR - Visual Flight Rules

VHF - Very High Frequency

VNAV - Vertical Navigation

VOR - VHF Omnidirectional Radio

VPL - Vertical Protection Level

VSI - Vertical Speed Indicator

VTF - Vectors to Final

VUL - Vertical Uncertainty Limit

WAAS - Wide Area Augmentation System